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a division of Envirodyne Engineers

EPA Region 5 Records Ctr.



357703

March 16, 1977  
RETA-1712

Mr. Dale Eisenreich  
Laclede Steel Company  
Post Office Box 576  
Alton, Illinois 62002

Dear Dale:

As a result of your request, we are furnishing this qualitative analysis of the sludge to be produced in Laclede's wastewater treatment plant. This analysis is based upon chemical analyses and treatability studies performed in our laboratory.

The average sludge production is anticipated to be 13,100 lbs/day dry solids, while the maximum is anticipated to be 29,300 lbs/day dry solids. Subsequent to dewatering by centrifugation, the sludge is anticipated to be a minimum 20 percent solids. Its major constituent will be ferric hydroxide. Minor constituents will include calcium sulfate, zinc hydroxide, lead hydroxide, manganese hydroxide, and chromium hydroxide.

Cordially,

K. V. Lensmeyer, P.E.  
Senior Associate

KVL/jr